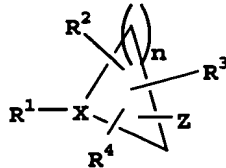


HETEROCYCLIC SODIUM/PROTON EXCHANGE
INHIBITORS AND METHOD

Abstract of the Invention

- 5 Heterocyclic are provided which are sodium/proton exchange (NHE) inhibitors which have the structure



- 10 wherein n is 1 to 5; X is N or C-R⁵ wherein R⁵ is H, halo, alkenyl, alkynyl, alkoxy, alkyl, aryl or heteroaryl; Z is a heteroaryl group, R¹, R², R³ and R⁴ are as defined herein, and where X is N, R¹ is preferably aryl or heteroaryl, and are useful as antianginal and
- 15 cardioprotective agents. In addition, a method is provided for preventing or treating angina pectoris, cardiac dysfunction, myocardial necrosis, and arrhythmia employing the above heterocyclic derivatives.